

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-57. (Canceled)

58. (New) A container for storing, sterilizing, and admixing medical solutions comprising:

a first chamber;

a second chamber; and

a peelable seal separating the first chamber from the second chamber;

wherein the container is resistant to leaching into a lipid component contained and autoclaved in the container greater than one or more of: (i) 0.11 $\mu\text{g/ml}$ of a semi-volatile compound; (ii) 0.023 $\mu\text{g/ml}$ of aluminum; (iii) 5.6 $\mu\text{g/ml}$ of an oligomeric propylene compound; or (iv) 5.6 $\mu\text{g/ml}$ of an oligomeric ethylene vinyl acetate compound.

59. (New) The container of claim 58 wherein the container is constructed from a flexible plastic material.

60. (New) The container of claim 59 wherein the flexible plastic material does not contain polyvinyl chloride.

61. (New) The container of claim 60 wherein the flexible plastic material is a multilayer film.

62. (New) The container of claim 61 wherein the multilayer film comprises four layers.

63. (New) The container of claim 58 wherein the peelable seal is a heat sealed peelable seal.

64. (New) The container of claim 63 wherein the peelable seal is an RF welded peelable seal.

65. (New) The container of claim 59 wherein the flexible plastic material further comprises an RF responsive polymer layer composed of an ethylene vinyl acetate copolymer.

66. (New) The container of claim 58 wherein the semi-volatile compound is selected from the group consisting of 2,6 di-t-butyl-4-methyl-phenol; 2, 6-di-t-butyl-4-ethylphenol; and 25-crown-5 ether.

67. (New) The container of claim 66 wherein the concentration of 2, 6-di-t-butyl-4-methyl-phenol is less than 0.050 µg/ml.

68. (New) The container of claim 66 wherein the concentration of 25-crown-5 ether is less than 0.010 µg/ml.

69. (New) The container of claim 66 wherein the concentration of 2, 6-di-t-butyl-4-ethylphenol is less than 0.011 µg/ml.

70. (New) A container and medical solution comprising:

- a first chamber;
- a second chamber;
- a lipid component contained in one of the first and second chamber; and
- a peelable seal separating the first chamber from the second chamber;

wherein the container is resistant to leaching by the lipid component greater than one or more of:

- (i) 0.11 µg/ml of a semi-volatile compound;
- (ii) 0.023 µg/ml of aluminum;
- (iii) 5.6 µg/ml of an oligomeric propylene compound; or
- (iv) 5.6 µg/ml of an oligomeric ethylene vinyl acetate compound,

into the lipid component when autoclaved.

71. (New) The container and medical solution of claim 70 wherein the container is constructed from a flexible plastic material.

72. (New) The container and medical solution of claim 71 wherein the flexible plastic material does not contain polyvinyl chloride.
73. (New) The container and medical solution of claim 72 wherein the flexible plastic material is a multilayer film.
74. (New) The container and medical solution of claim 73 wherein the multilayer film comprises four layers.
75. (New) The container and medical solution of claim 70 wherein the peelable seal is a heat sealed peelable seal.
76. (New) The container and medical solution of claim 75 wherein the peelable seal is an RF welded peelable seal.
77. (New) The container and medical solution of claim 70 wherein the flexible plastic material further comprises an RF responsive polymer layer composed of an ethylene vinyl acetate copolymer.
78. (New) The container and medical solution of claim 70 wherein the semi-volatile compound is selected from the group consisting of 2, 6 di-t-butyl-4-methyl-phenol; 2, 6-di-t-butyl-4-ethylphenol; and 25-crown-5 ether.
79. (New) The container and medical solution of claim 78 wherein the concentration of 2, 6-di-t-butyl-4-methyl-phenol is less than 0.050 $\mu\text{g/ml}$.
80. (New) The container and medical solution of claim 78 wherein the concentration of 25-crown-5 ether is less than 0.010 $\mu\text{g/ml}$.
81. (New) The container and medical solution of claim 78 wherein the concentration of 2, 6-di-t-butyl-4-ethylphenol is less than 0.011 $\mu\text{g/ml}$.
82. (New) A medical product comprising:

a container having a first chamber;
a second chamber; and
a peelable seal separating the first chamber from the second chamber; and
a lipid component contained in one of the first and second chambers and having one or more of:

- (i) a semi-volatile compound concentration of less than 0.11 $\mu\text{g/ml}$;
- (ii) an aluminum concentration of less than 0.023 $\mu\text{g/ml}$;
- (iii) an oligomeric propylene concentration of less than 5.6 $\mu\text{g/ml}$; or
- (iv) an oligomeric ethylene vinyl acetate concentration of less than 5.6 $\mu\text{g/ml}$,

before and after the container and lipid component contained in one of the first and second chamber have been autoclaved.

83. (New) The medical product of claim 82 wherein the container is constructed from a flexible plastic material.

84. (New) The medical product of claim 83 wherein the flexible plastic material does not contain polyvinyl chloride.

85. (New) The medical product of claim 84 wherein the flexible plastic material is a multilayer film.

86. (New) The medical product of claim 85 wherein the multilayer film comprises four layers.

87. (New) The medical product of claim 82 wherein the peelable seal is a heat sealed peelable seal.

88. (New) The medical product of claim 87 wherein the peelable seal is an RF welded peelable seal.

89. (New) The medical product of claim 82 wherein the flexible plastic material further comprises an RF responsive polymer layer composed of an ethylene vinyl acetate copolymer.
90. (New) The medical product of claim 82 wherein the semi-volatile compound is selected from the group consisting of 2, 6 di-t-butyl-4-methyl-phenol; 2, 6-di-t-butyl-4-ethylphenol; and 25-crown-5 ether.
91. (New) The medical product of claim 90 wherein the concentration of 2, 6-di-t-butyl-4-methyl-phenol is less than 0.050 $\mu\text{g/ml}$.
92. (New) The medical product of claim 90 wherein the concentration of 25-crown-5 ether is less than 0.010 $\mu\text{g/ml}$.
93. (New) The medical product of claim 90 wherein the concentration of 2, 6-di-t-butyl-4-ethylphenol is less than 0.011 $\mu\text{g/ml}$.
94. (New) An autoclaved medical product comprising:
- a container having a peelable seal separating a first and second chamber; and
 - a lipid component contained in one of the first and second chambers, the lipid component including less than one or more of: (i) 0.11 $\mu\text{g/ml}$ of a semi-volatile compound; (ii) 0.023 $\mu\text{g/ml}$ of aluminum; (iii) 5.6 $\mu\text{g/ml}$ of an oligomeric propylene compound; or (iv) 5.6 $\mu\text{g/ml}$ of an oligomeric ethylene vinyl acetate compound.
95. (New) The autoclaved medical product of claim 94 wherein the container is constructed from a flexible plastic material.
96. (New) The autoclaved medical product of claim 95 wherein the flexible plastic material does not contain polyvinyl chloride.
97. (New) The autoclaved medical product of claim 96 wherein the flexible plastic material is a multilayer film.

98. (New) The autoclaved medical product of claim 97 wherein the multilayer film comprises four layers.
99. (New) The autoclaved medical product of claim 94 wherein the peelable seal is a heat sealed peelable seal.
100. (New) The autoclaved medical product of claim 99 wherein the peelable seal is an RF welded peelable seal.
101. (New) The autoclaved medical product of claim 94 wherein the flexible plastic material further comprises an RF responsive polymer layer composed of an ethylene vinyl acetate copolymer.
102. (New) The autoclaved medical product of claim 94 wherein the semi-volatile compound is selected from the group consisting of 2, 6 di-t-butyl-4-methyl-phenol; 2, 6-di-t-butyl-4-ethylphenol; and 25-crown-5 ether.
103. (New) The autoclaved medical product of claim 102 wherein the concentration of 2, 6-di-t-butyl-4-methyl-phenol is less than 0.050 $\mu\text{g/ml}$.
104. (New) The autoclaved medical product of claim 102 wherein the concentration of 25-crown-5 ether is less than 0.010 $\mu\text{g/ml}$.
105. (New) The autoclaved medical product of claim 102 wherein the concentration of 2, 6-di-t-butyl-4-ethylphenol is less than 0.011 $\mu\text{g/ml}$.
106. (New) A container for storing and admixing medical solutions comprising:
- a first chamber containing a lipid component having less than one or more of: (i) 0.11 $\mu\text{g/ml}$ of a semi-volatile compound; (ii) 0.023 $\mu\text{g/ml}$ of aluminum; (iii) 5.6 $\mu\text{g/ml}$ of an oligomeric propylene compound; or (iv) 5.6 $\mu\text{g/ml}$ of an oligomeric ethylene vinyl acetate compound;

a second chamber; and

a peelable seal separating the first chamber from the second chamber.

107. (New) The container of claim 106 wherein the semi-volatile compound is selected from the group of 2,6 di-t-butyl-4-methyl-phenol; 2,6-di-t-butyl-4-ethylphenol; and 25-crown-5 ether.

108. (New) The container of claim 107 wherein the predetermined concentration of 2,6-di-t-butyl-4-methyl-phenol is less than 0.050 µg/ml.

109. (New) The container of claim 107 wherein the predetermined concentration of 2,6-di-t-butyl-4-ethylphenol is less than 0.011 µg/ml.

110. (New) The container of claim 107 wherein the predetermined concentration of 25-crown-5 ether is less than 0.010 µg/ml.

111. (New) The container of claim 106 wherein the lipid component includes less than 0.023 µg/ml of aluminum.

112. (New) The container of claim 106 wherein the lipid component includes less than 5.6 µg/ml of an oligomeric propylene compound.

113. (New) The container of claim 106 wherein the predetermined concentration is 5.6 µg/ml and the leached compound is oligomeric ethylene vinyl acetate.

114. (New) The container of claim 106 wherein the container is constructed from a flexible plastic material.

115. (New) The container of claim 114 wherein the flexible plastic material does not contain polyvinyl chloride.

116. (New) The container of claim 115 wherein the flexible plastic material is a multilayer film.

117. (New) The container of claim 116 wherein the multilayer film comprises four layers.

118. (New) The container of claim 106 wherein the container is an autoclaved container.

119. (New) The container of claim 106 wherein the peelable seal is a heat sealed peelable seal.

120. (New) The container of claim 119 wherein the peelable seal is an RF welded peelable seal.

121. (New) The container of claim 114 wherein the flexible plastic material further comprises an RF responsive polymer layer composed of an ethylene vinyl acetate copolymer.

122. (New) The container of claim 121 wherein the lipid component includes less than 5.6 µg/ml of an oligomeric ethylene vinyl acetate compound.

123. (New) A method of making a medical product comprising the steps of:

providing a flexible container having a first chamber, a second chamber and a peelable seal separating the first chamber from the second chamber;

introducing into one of the first and second chambers a lipid component;

autoclaving the flexible container and lipid component

wherein the lipid component after autoclaving has a semi-volatile compound concentration of less than 0.011 µg/ml.